

National Council of Teachers of Mathematics

Improving Teacher Knowledge

The NCTM Academy for Professional Development

Goal:

To aid individual teachers and school districts in their efforts to implement standards-based programs

Summary:

Institutes blend in-depth lessons, hands-on technology activities, and video clips of classroom situations to provide participants with a better understanding of the objectives of NCTM's *Principles and Standards* document and the specific classroom lessons available to aid the teacher from available resources such as our *Navigations* books and our *Illuminations* Web site. Each institute is based on a specific grade band—Pre-K-2, 3-5, 6-8, or 9-12. Space at each institute is limited to 100 participants per grade band. This limit allows for active participation and networking opportunities. Follow-up activities are also part of each institute. NCTM Academy Institutes are held throughout the United States.

Purpose:

The NCTM Academy for Professional Development offers a series of Institutes that help mathematics educators implement the standards-based programs in their classrooms.

Accomplishment/Results:

To date over 50 institutes have been conducted. The NCTM Academy began in 2000. Current Institutes focus on the teaching and learning of algebra and geometry at all grade levels.

Plans for the Next 12 Months:

Approximately 40 institutes are planned for the upcoming year. In addition to institutes on algebra and geometry, data analysis and probability institutes will begin in the summer of 2003.

Additional information is available at www.nctm.org/academy